

Detailed Estimate

OD/366/3517/120493/427815/00016374 : Const. of CC road with Culvert at Jambaguda

Block : Nabarangpur, Gram Panchayat : Chatahandi

Created By:ARABINDA BEHERA

1. Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift								
Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Excavation	1.000	48.000	3.650	0.150	0.000	26.280	-
Total Quantity					26.28 cum (cum)		26.28 Cum (Cubic Meter)	
Amount					26.28 X 240.77592		6327.59	
2. Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed								
Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Sand filling	1.000	48.000	3.650	0.100	0.000	17.520	-
Total Quantity					17.52 cum (cum)		17.52 Cum (Cubic Meter)	
Amount					17.52 X 515.507232		9031.69	
3. Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal								
Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Metal Concrete	1.000	48.000	3.650	0.100	0.000	17.520	-
Total Quantity					17.52 cum (cum)		17.52 Cum (Cubic Meter)	

Amount					17.52 X 5279.21385208	92491.83		
4. Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum								
Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete as per specificaion and direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Chips Concrete	1.000	48.000	3.650	0.082	0.000	14.366	-
Total Quantity					14.3664 cum (cum)		14.3664 Cum (Cubic Meter)	
Amount					14.3664 X 6846.25691796		98356.07	
5. R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc								
Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Shuttering	1.000	48.000	0.150	1.000	0.000	7.200	-
Total Quantity					7.2 Sqm (Sqm)		7.2 Sqm (Square Meter)	
Amount					7.2 X 216.39264180804		1558.03	
Total Amount							207765.20	
Addition								
Provision for Contingency (+) @							0.00	
Display Citizen Board (+) @							2000.00	
Any Other Lumpsum (+) @							234.00	
Provision for survey investigation and quality control (+) @							0.00	
Total Addition							2234.00	

Grand Net Total Amount	209999.20
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